

Converting Colors

CIELCh(82, 108.142, 301.435)

Have a look what the booklet for
CIELCh(82, 108.142, 301.435)
contains.

CIELCh(76, 44.580, 304.301)	3
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Color

CIELCh(76, 44.580, 304.301)

Conversions

Conversions Part 1

Format	Color
Hex	C7AEFF
RGB	199, 174, 255
RGB Percent	78%, 68%, 100%
CMY	0.2179, 0.3160, 0.0000
CMYK	0.22, 0.32, 0.00, 0.00
HSL	259°, 100%, 84%
HSV	259°, 32%, 100%
XYZ	57.0112, 49.8872, 101.6159
YIQ	190.7090, -11.1010, 30.4910

Conversions

Conversions Part 2

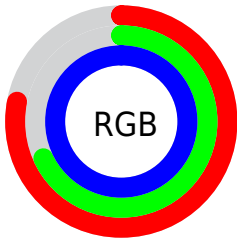
Format	Color
RYB	199, 174, 255
Decimal	13086463
CIELab	76.00, 25.12, -36.83
CIElCh	76, 44.580, 304.301
Yxy	49.8872, 0.2734, 0.2393
Android (android.graphics.Color)	4291276543 (0xFFC7AEFF)
YUV	190.7090, 31.6955, 7.2712
Hunter-Lab	70.6309, 20.4758, -35.8583

Details

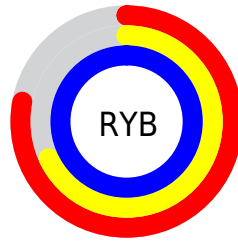
The CIELCh color **76, 44.580, 304.301** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **97, 41.602, 120.371**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 15.620, 324.964**, and **56, 44.883, 304.536** is the 20% darker color. If you saturate the color by 10%, you get **68, 59.296, 305.198**, and if you desaturate by 10%, it is **84, 29.793, 303.575**.

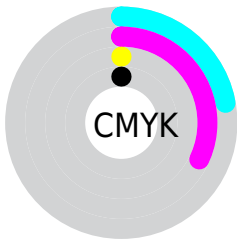
Distribution



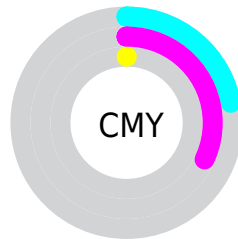
- Red (78%)
- Green (68%)
- Blue (100%)



- Red (78%)
- Yellow (68%)
- Blue (100%)



- Cyan (22%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (22%)
- Magenta (32%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 44.580, 304.301 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 76, 44.580, 304.301 by changing the saturation by 10% instead.


 76, 44.580,
304.301


 76, 44.580,
304.301


 100, 44.580,
304.301


 66, 44.580,
304.301


 96, 44.580,
304.301

 56, 44.580,
304.301

 46, 44.580,
304.301

 36, 44.580,
304.301

 26, 44.580,
304.301

 16, 44.580,
304.301

 6, 44.580, 304.301

0, 44.580, 304.301

76, 44.580,
304.301

76, 44.580,
304.301

68, 59.296,
305.198

84, 29.793,
303.575

61, 74.493,
306.100

91, 15.720,
302.885

54, 89.576,
307.003

99, 2.137, 302.255

48, 103.874,
307.812

100, 0.012,
296.813

42, 116.276,
308.380

38, 125.339,
308.523

■ 36,129.928,
308.285

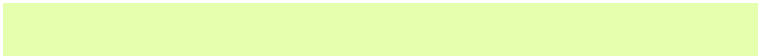
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



76, 44.580, 304.301



97, 41.602, 120.371

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76, 44.580, 304.301



76, 44.580, 354.301



76, 44.580, 124.301



76, 44.580, 174.301

Sweetspot

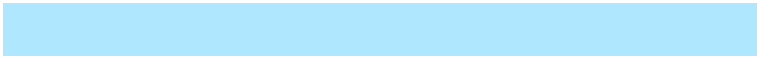
The Sweet Spot groups the original color and five complimentary colors.



76, 44.341, 304.349



93, 12.145, 302.719



89, 21.395, 234.807



49, 8.460, 302.812



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



76, 44.341, 304.349



71, 53.877, 304.885



80, 48.010, 320.222



49, 7.679, 302.751



26, 104.433, 308.443



5, 44.772, 307.955

Inverse Universe

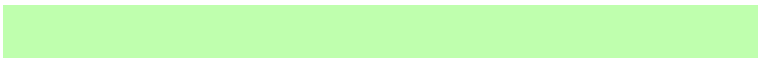
The Inverse Universe completely reimagines the original color for something new.



80, 40.783, 337.069



77, 48.862, 337.619



94, 47.327, 137.106



50, 7.285, 335.342



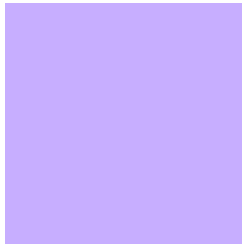
42, 73.827, 345.721



11, 34.796, 342.997

Previews

White Background



This preview shows how the CIELCh color 76, 44.580, 304.301 looks on a white background.

Color Contrast Check

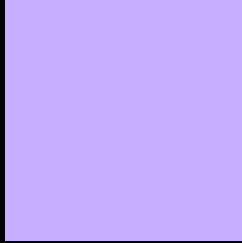
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 76, 44.580, 304.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

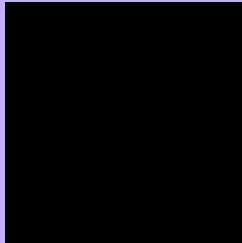
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 44.580, 304.301

Background



This preview shows how black text looks on a background with the CIELCh color 76, 44.580, 304.301.



This preview shows how white text looks on a background with the CIELCh color 76, 44.580, 304.301.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

76, 44.580, 304.301

Protanopia

76, 37.917, 284.847

Deuteranopia

76, 36.764, 285.822



Tritanopia
76, 8.314, 303.455

Trichromacy



Original Color
76, 44.580, 304.301

Protanomaly
76, 39.886, 292.449

Deuteranomaly
76, 39.351, 293.275

Tritanomaly
76, 21.534, 303.189

Monochromacy



Original Color
76, 44.580, 304.301

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 15.984, 303.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 44.580, 304.301 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(199, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 174, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(199, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 174, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 44.580, 304.301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 174, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(199, 174, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(199, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 174,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 44.580, 304.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 174, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(199,  
174, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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